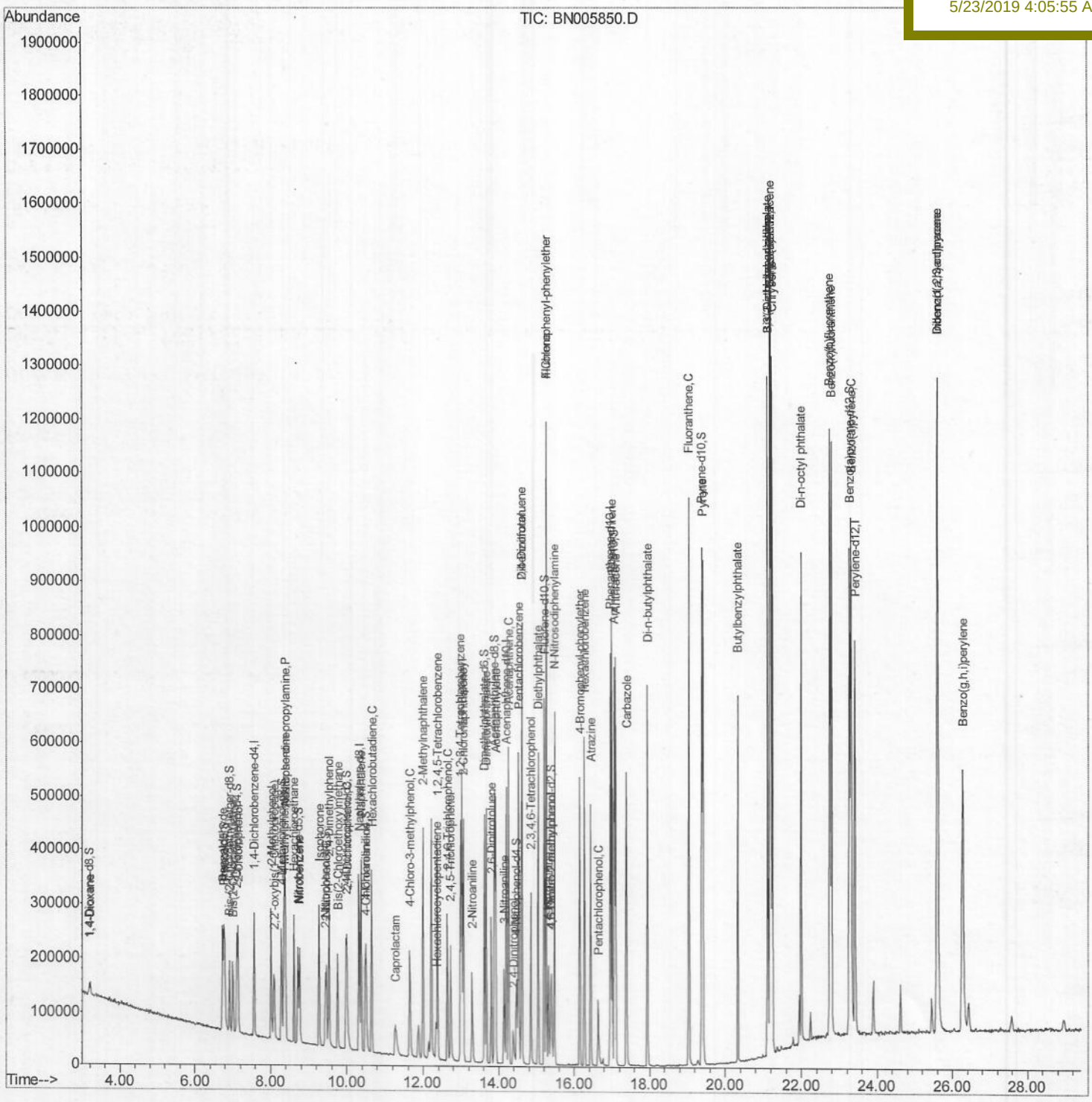
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052119\
Data File : BN005850.D
Acq On : 22 May 2019 07:08
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: May 22 08:57:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02090

Manual Integrations APPROVED
mohammad
5/23/2019 4:05:55 AM



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Acq On : 22 May 2019 07:08
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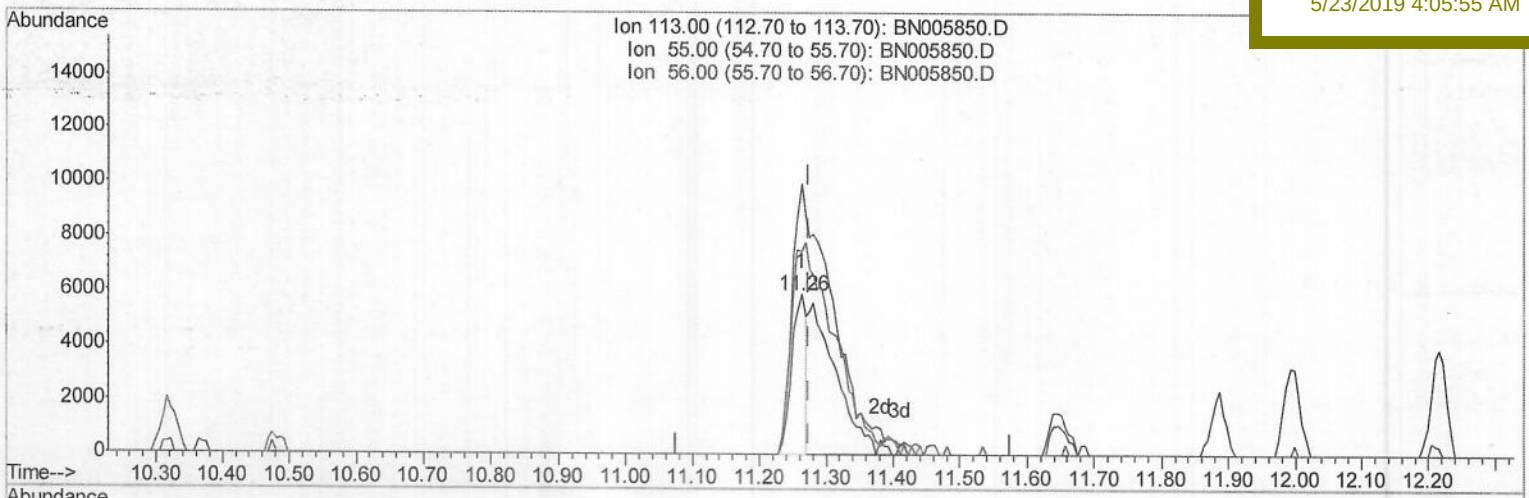

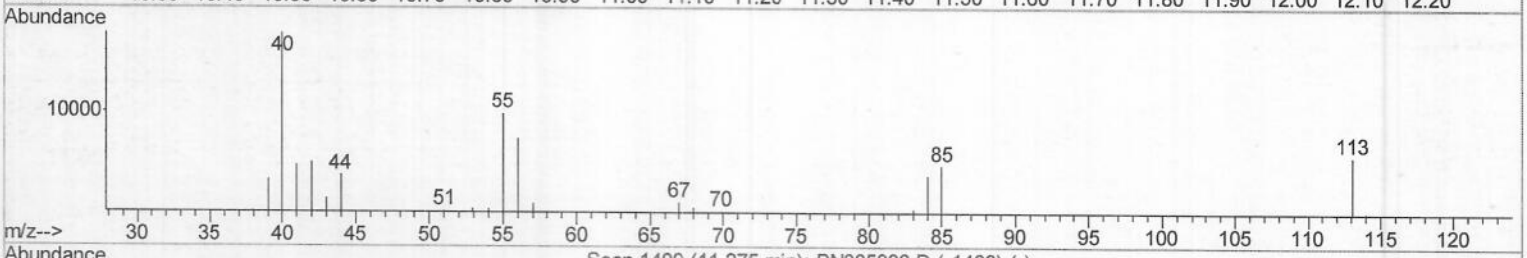

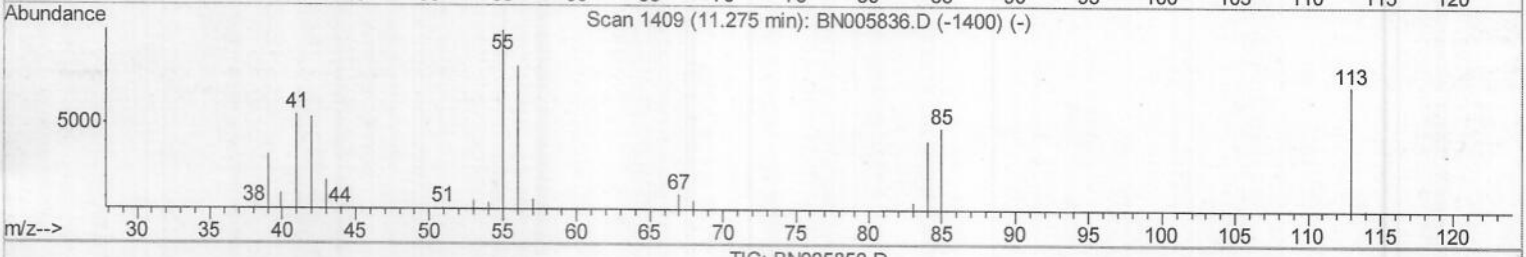

TIC: BN005850.D

(32) Caprolactam

11.263min (-0.012) 6.01ng/ul

response 8768

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	169.60
56.00	148.90	127.31
0.00	0.00	0.00

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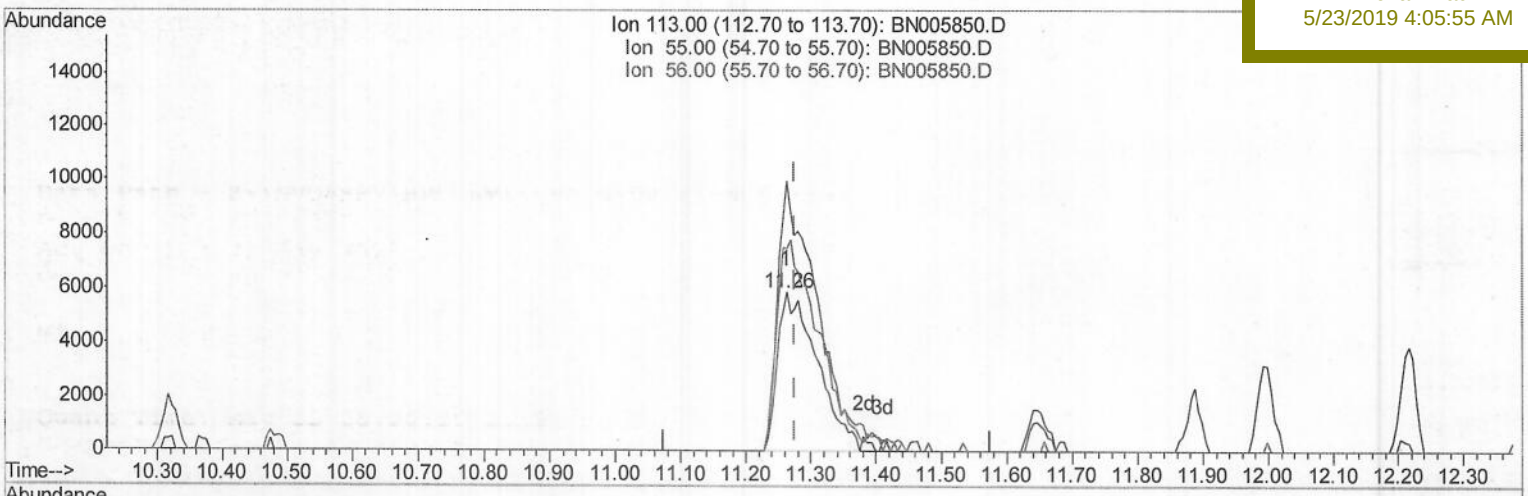

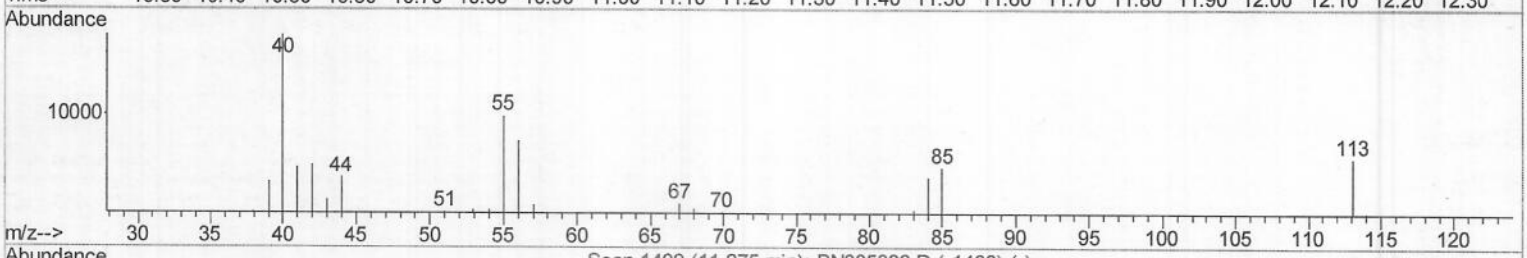

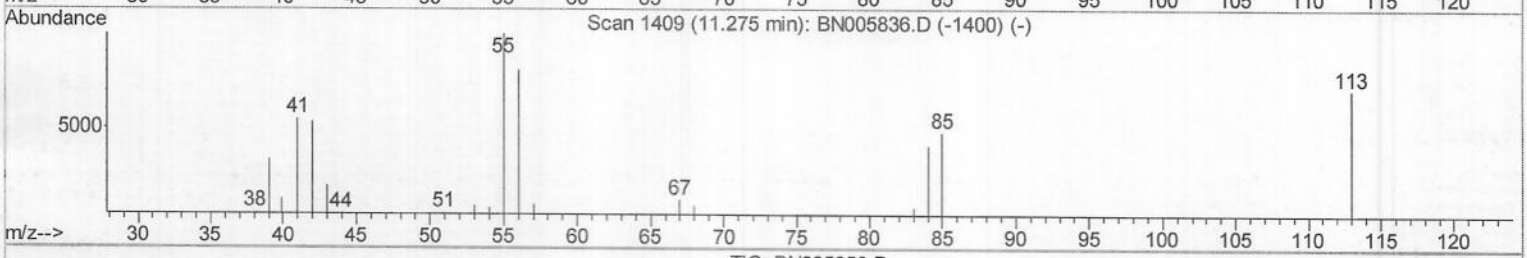

TIC: BN005850.D

(32) Caprolactam

11.263min (-0.012) 17.04ng/ul m JU 05/23/19

response 24875

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	169.60
56.00	148.90	127.31
0.00	0.00	0.00

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5/23/2019 4:05:55 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	66706	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	258793	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	171562	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	455248	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	552703	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	641201	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	11973	10.05	ng/uL	0.00
5) Phenol-d5	6.76	99	99806	19.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	56696	21.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	85445	20.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	77279	17.53	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	39506	21.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	40398	18.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	90700	21.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	91301	19.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	294855	22.34	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	356948	22.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	27044	14.54	ng/ul	0.00
57) Fluorene-d10	15.20	176	261715	23.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	36021	13.16	ng/ul	0.00
70) Anthracene-d10	17.06	188	448008	22.78	ng/ul	0.00
78) Pyrene-d10	19.37	212	548001	20.12	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	656977	22.84	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	12258	9.773	ng/uL	92
4) Benzaldehyde	6.73	77	73068	19.580	ng/ul	97
6) Phenol	6.79	94	101754	19.363	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.00	93	79674	20.689	ng/ul	89
10) 2-Chlorophenol	7.13	128	85457	20.357	ng/ul	95
11) 2-Methylphenol	8.01	108	78098	18.717	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.08	45	93790	18.522	ng/ul#	89
14) Acetophenone	8.38	105	138353	19.601	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.36	70	58930	17.290	ng/ul	91
16) 4-Methylphenol	8.34	108	84754	18.456	ng/ul	95
17) Hexachloroethane	8.61	117	40421	22.440	ng/ul	82
20) Nitrobenzene	8.75	77	101128	23.288	ng/ul	96
21) Isophorone	9.27	82	177760	20.532	ng/ul	95
23) 2-Nitrophenol	9.46	139	46263	20.486	ng/ul#	90
24) 2,4-Dimethylphenol	9.52	107	102353	21.947	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.75	93	100727	20.575	ng/ul	99
27) 2,4-Dichlorophenol	10.00	162	89709	22.522	ng/ul	96
28) Naphthalene	10.37	128	274604	22.213	ng/ul	99
30) 4-Chloroaniline	10.50	127	92830	19.967	ng/ul	97
31) Hexachlorobutadiene	10.65	225	78091	26.878	ng/ul	98
32) Caprolactam	11.26	113	24875m	17.044	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	92652	20.564	ng/ul	96
34) 2-Methylnaphthalene	11.99	142	206743	21.655	ng/ul	98

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Manual Integrations APPROVED
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5/23/2019 4:05:55 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.37	216	138365	25.050	ng/ul	98
37) Hexachlorocyclopentadiene	12.34	237	23089	13.412	ng/ul	99
38) 2,4,6-Trichlorophenol	12.63	196	74752	21.863	ng/ul	98
39) 2,4,5-Trichlorophenol	12.72	196	77866	21.679	ng/ul	98
40) 1,1'-Biphenyl	13.02	154	285901	22.918	ng/ul#	97
41) 2-Chloronaphthalene	13.06	162	222887	22.620	ng/ul	97
42) 2-Nitroaniline	13.29	65	50376	17.736	ng/ul	97
44) Dimethylphthalate	13.66	163	294326	22.614	ng/ul	99
45) 2,6-Dinitrotoluene	13.80	165	52468	19.131	ng/ul	92
47) Acenaphthylene	13.92	152	339991	22.013	ng/ul	98
48) 3-Nitroaniline	14.13	138	43196	17.875	ng/ul	93
49) Acenaphthene	14.26	153	235593	22.513	ng/ul	99
50) 2,4-Dinitrophenol	14.39	184	20470	14.505	ng/ul	90
52) 4-Nitrophenol	14.47	109	26099	15.027	ng/ul	89
53) Dibenzofuran	14.60	168	357885	23.050	ng/ul	95
54) 2,4-Dinitrotoluene	14.61	165	89124	21.686	ng/ul#	68
55) 2,3,4,6-Tetrachlorophenol	14.85	232	73350	21.994	ng/ul	96
56) Diethylphthalate	15.04	149	297308	22.570	ng/ul	99
58) Fluorene	15.26	166	293889	23.271	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.25	204	166161	24.117	ng/ul	100
60) 4-Nitroaniline	15.31	138	50356	18.692	ng/ul#	83
63) 4,6-Dinitro-2-methylphenol	15.39	198	37809	13.793	ng/ul#	96
64) N-Nitrosodiphenylamine	15.47	169	252209	21.406	ng/ul	98
65) 4-Bromophenyl-phenylether	16.15	248	109172	22.901	ng/ul	96
66) Hexachlorobenzene	16.27	284	126923	23.732	ng/ul	95
67) Atrazine	16.43	200	98209	19.865	ng/ul	97
68) Pentachlorophenol	16.64	266	36327	14.722	ng/ul	96
69) Phenanthrene	17.00	178	507851	22.505	ng/ul	100
71) Anthracene	17.09	178	527488	22.957	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.99	216	142214	23.302	ng/uL	97
73) Pentachlorobenzene	14.53	250	139542	23.182	ng/uL	99
74) Carbazole	17.38	167	440249	21.732	ng/ul	99
75) Di-n-butylphthalate	17.94	149	485328	20.056	ng/ul	99
76) Fluoranthene	19.04	202	661524	23.711	ng/ul#	88
79) Pyrene	19.41	202	690361	20.340	ng/ul#	85
80) Butylbenzylphthalate	20.33	149	184746	13.286	ng/ul	90
81) 3,3'-Dichlorobenzidine	21.12	252	155631	13.405	ng/ul#	95
82) Benzo(a)anthracene	21.18	228	768716	22.077	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.12	149	311369	15.782	ng/ul#	99
84) Chrysene	21.24	228	745791	22.720	ng/ul	99
86) Di-n-octyl phthalate	21.99	149	579826	16.948	ng/ul	100
87) Benzo(b)fluoranthene	22.74	252	825513	23.402	ng/ul#	96
88) Benzo(k)fluoranthene	22.79	252	794989	23.292	ng/ul#	97
90) Benzo(a)pyrene	23.31	252	805516	23.582	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.60	276	920791	22.049	ng/ul#	91
92) Dibenzo(a,h)anthracene	25.60	278	777460	22.116	ng/ul#	93
93) Benzo(g,h,i)perylene	26.27	276	746348	21.380	ng/ul#	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed